Table 4
Screening Analysis - Summary of Benefits

		Corecining Analysis - Cummary of Deficing					20112					
Paseline	Measure	Annualized		Cuttows after Measure	Fasure	1585e	saseline Cuthows	SMS	Keduction	Cost En	Cost Effectiveness	
Vessel		Cost	-						Increment			
Model			ACC	OPER	Total	ACC	OPER	Total	Outfows	ACC	OPER	Total
Analyzed				Annual			Anna		Total		Annual	
		(\$)	(Bbs)	(Bbis)	(Bbis)	(Bbis)	(Bbs)	(Bbls)	(Bbls)	(\$/BM)	(\$/BDI)	(\$/BP)
			Intern	international Fleet	leet							
70,000 dwt	1.a. PL/Spaces,	\$507,186	1,064	953	2,017	1,149	985	2,134	118	296'5\$	\$15,569	\$4,314
Pre-MARPOL	30% coverage											
70,000 dwt	1.b. PL/SBT, 30% coverage,	\$850,643	780	0	780	1,149	985	2,134	1,354	\$2,305	\$863	\$628
Pre-MARPOL	with ballast to max.											
-	feasible draft											
70,000 dwt	1.c. PL/CBT, 30% coverage,	\$7777,694	066	0	066	1,149	982	2,134	1,144	\$4,891	\$789	\$680
Pre-MARPOL	empty to extent feasible											
70,000 dwt	2.a. HBL all tanks	\$1,811,766	653	0	653	1,285	o	1,285	632	\$2,867	z	\$2,867
70,000 dwt	2.b. HBL, equivalent to	\$774,642	813	0	813	1,285	0	1,284	472	\$1,641	z	\$1,641
MARPOL 73	Regulation 13G											
70,000 dwt	<ol><li>PL/Spaces as in 1.c.</li></ol>	\$1,091,392	. 647	0	647	1,149	985	2,134	1,487	\$2,174	\$1,108	\$734
Pre-MARPOL	and HBL as in 2.b.											
70,000 dwt	4. Retroff double bottom	\$2,899,672	82	•	220	1,285	0	1,285	726	<b>\$</b> 3,99 <b>4</b>	z	<b>\$3</b> ,994
MARPOL 73												
	<ol><li>Retrofit double sides</li></ol>	\$3,589,187	<del>2</del> .	0	<del>1.</del>	1,285	0	1,285	145	\$24,753	z	\$24,753
MARPOL 73												
284,000 dwt	1.a. PUSpaces,	\$3,076,814	2,617	2//9	3,294	2,884	/0/	3,591	297	\$11,524	\$103,708	\$10,371
Pre-MARPOL	30% coverage											
264,000 dwr	1.b. PL/SBT, 30% coverage,	\$2,688,641	<b>.</b>	0	1,963	2,884	707	3,591	1,628	\$2,919	\$3,80 <b>4</b>	\$1,652
Pre-MARPOL	with ballest to max.	-										
	fessible draft											
264,000 dwt	1.c. PL/CBT, 30% coverage,	\$2,376,370	3,502	-	3,502	2,888,	<u>`</u>	1,591	) 30	-3,845	23,362	\$26,763
Pre-MARPOL	empty to extent feasible											
264,000 dwt	2.a. HBL all tenks	\$5,086,829	1,558	0	925.	3,803 6,803	0	3,803	2,247	\$2,264	z	\$2,264
											į	
264,000 dwt	2.b. HBL, equivalent to	\$3,113,004	1,946	•	946	3,803	0	3,803	1,857	\$1,676	z	\$1,676
MARPOL 73	Regulation 13G										-	
264,000 dwt	3. PUSpaces as in 1.c.	\$3,639,618	2,063	0	2,063	2,884	707	3,591	1,528	\$4,433	\$5,149	\$2,382
Pre-MARPOL	and HBL as in 2.b.								1			
264,000 dwt	4. Retrofit double	\$6,872,886	2,150	<b>8</b>	2,793	2,884	707	3,591	86. 6.	\$8,364	\$107,842	\$8,616
Pre-MARPOL	-				- 1	1,000	-		7.23	010 010	4140 572	244 722
264,000 dwt	5. Retrofit double sides	\$9,935,982	2,276	9	2,916	2,884	è	3,591	4/9	\$10,34Z	\$76,8414	\$14,/32
Pre-MARPOL					1							